

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004390

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC 7 B01J19/00 H01L51/30   |  |  |
|---|--|--|
| According to International Patent Classification (IPC) or to both national classification and IPC   |  |  |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>IPC 7 B01J  |  |  |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched   |  |  |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used)<br>EPO-Internal  |  |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>   |  |  |
| Category *  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.  |
| A   | WO 03/020415 A2 (ISIS INNOVATION LIMITED; SOUTHERN, EDWIN, MELLOR; EGELAND, RYAN, D)<br>13 March 2003 (2003-03-13)<br>cited in the application<br>the whole document | 1-41   |
| X   | US 6 630 359 B1 (CAILLAT PATRICE ET AL)<br>7 October 2003 (2003-10-07)<br>column 5, lines 1-10, 32-43; figures 1, 2  | 13-27,<br>33, 34   |
| A   | US 6 093 302 A (MONTGOMERY ET AL)<br>25 July 2000 (2000-07-25)<br>cited in the application<br>the whole document   | 1-41   |
| -/--  |  |  |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.   |  |  |
| * Special categories of cited documents :<br>*A* document defining the general state of the art which is not considered to be of particular relevance<br>*E* earlier document but published on or after the international filing date<br>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>*O* document referring to an oral disclosure, use, exhibition or other means<br>*P* document published prior to the international filing date but later than the priority date claimed<br>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.<br>*&* document member of the same patent family |  |  |
| Date of the actual completion of the international search<br><br>3 February 2005  |  | Date of mailing of the international search report<br><br>11/02/2005 |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax (+31-70) 340-3016  |  | Authorized officer<br><br>Veefkind, V                                |

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| X          | WO 01/43870 A (MOTOROLA INC; SHI, SONG;<br>ZHANG, PEIMING; MARACAS, GEORGE; MARACAS,<br>GEO) 21 June 2001 (2001-06-21)<br>page 7, line 5 - page 8, line 14; figures<br>1,2<br>page 9, line 20 - line 23 | 13                    |
| A          | WO 98/01758 A (NANOGEN, INC)<br>15 January 1998 (1998-01-15)<br>page 15, line 25 - line 37; figure 8<br>page 3, line 29 - page 4, line 23   | 1-41                  |

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Information on patent family members

International Application No  
PCT/GB2004/004390

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s)  | Publication<br>date  |
|---|----|---------------------|---|--|
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